A2575-1 4/1/13

American Petroleum Institute
2101 L Street, Northwest
Washington, D.C. 20037

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 63 **For Week Ended** *DECEMBER* 31, 1982 **NO.** 52

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)

ALL DATA ARE ESTIMATES MADE BY THE API BASED ON DATA FROM REPORTING COMPANIES.

	Current Week Ending: 12/31/82	Last Week Ending: 12/24/82	Last Year Week Ending: 01/01/82	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	11,994	11,760	12,847	+ 234	- 853
Operable capacity	16,663	16,663	18,230	0	- 1,567
Percent operated	72.0	70.6	70.5		
Motor Gasoline					
Motor gasoline production	6,607	6,403	6,617	+ 204	- 10
Refinery shipments of unleaded motor gasoline	3,549	3,534	3,530	+ 15	+ 19
Total Motor gasoline stocks	239,996	235,554	252,179	+ 4,442	- 12,183
Finished unleaded motor gasoline stock	96,861	96,689	94,404	+ 172	+ 2,457
Distillate Fuel Oil					
Distillate fuel oil production	2,638	2,573	2,809	+ 65	- 171
Distillate fuel oil stocks	179,869	180,850	190,339	- 981	- 10,470
Residual Fuel Oil					
Residual fuel oil production	1,013	1,055	1,328	- 42	- 315
Residual fuel oil stocks	67,187	64,227	80,994	+ 2,960	- 13,807
Imports					
Crude oil imports	3,127	2,634	3,834	+ 493	- 707
Product imports	1,236	1,179	1,546	+ 57	- 310
Crude Oil Stocks					
Crude oil stocks	348,484	353,529	366,335	- 5,045	- 17,851

TOTAL U.S. DATA FOR THE CURRENT WEEK'S REFINERY OPERATIONS, PRODUCTION, STOCKS AND IMPORTS ARE NOW AVAILABLE THROUGH A PRE-RECORDED TELEPHONE MESSAGE. THE TELEPHONE NUMBER FOR THIS SERVICE IS AREA CODE (202) 457-7147.

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STATISTICS DEPARTMENT
VOL. 63 For Week Ended DECEMBER 31, 1982 NO. 52

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Foreign Crude Runs[1]	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,157	1,066	981	1,093	1,569	69.7
Appal. No. 1	78	76	--	76	98	77.6
DISTRICT 1 TOTAL	1,235	1,142	981	1,169	1,667	70.1
Appal. No. 2	58	55	10	58	66	87.9
Ind., Ill., Ky.	2,053	1,792	548	1,832	2,399	76.4
Minn., Wis., Daks.	265	248	120	262	293	89.4
Okla., Kans., Mo.	823	716	13	725	858	84.5
DISTRICT 2 TOTAL	3,199	2,811	691	2,877	3,616	79.6
Inland Texas	528	501	33	506	592	85.5
Texas Gulf Coast	2,737	2,546	583	2,628	3,993	65.8
La. Gulf Coast	2,112●	1,919●	550●	2,035●	2,728	74.6●
N. La. and Ark.	156	138	9	147	314	46.8
New Mexico	108	74	--	78	117	66.7
DISTRICT 3 TOTAL	5,641●	5,178●	1,175●	5,394●	7,744	69.7●
DISTRICT 4 TOTAL	480	457	47	466	553	84.3
DISTRICT 5 TOTAL	2,117	2,032	224	2,088	3,083	67.7
TOTAL U.S.	12,672	11,620	3,118	11,994	16,663	72.0
TOTAL U.S. Weeks Ended:						
DEC. 24, 1982	12,594●	11,349●	3,149●	11,760●	16,663	70.6●
JAN. 1, 1982	13,619	12,606	4,131	12,847	18,230	70.5
DISTRICTS 1—4 Weeks Ended:						
DEC. 31, 1982	10,555	9,588	2,894	9,906	13,580	72.9
DEC. 24, 1982	10,372●	9,331●	2,881●	9,671●	13,580	71.2●
JAN. 1, 1982	11,454	10,544	3,928	10,766	15,068	71.4

[1] Included in the Crude Oil Runs to Distillation Units.

● *SEE REVISIONS ON PAGE 7*

API WEEKLY STATISTICAL BULLETIN
Week Ended *DECEMBER* 31, 1982

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline	Unleaded Motor Gasoline[1]	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Kerosine	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	667	393	11	37	7	293	103
Appal. No. 1	28	14	--	--	3	17	8
DISTRICT 1 TOTAL	695	407	11	37	10	310	111
Appal. No. 2	31	21	--	3	--	12	3
Ind., Ill., Ky.	1,132	576	11	129	24	344	73
Minn., Wis., Daks.	140	68	3	4	2	73	10
Okla., Kans., Mo.	492	227	14	20	1	221	14
DISTRICT 2 TOTAL	1,795	892	28	156	27	650	100
Inland Texas	293	152	26	14	8	113	21
Texas Gulf Coast	1,453	799	30	182	40	599	203
La. Gulf Coast	1,012●	614	20	174	45	442	199●
N. La. and Ark.	53	26	3	--	--	43	15
New Mexico	47	15	9	1	1	26	3
DISTRICT 3 TOTAL	2,858●	1,606	88	371	94	1,223	441●
DISTRICT 4 TOTAL	249●	88	9	22	3	126	18
DISTRICT 5 TOTAL	1,010	556	40	198	5	329	343
TOTAL U.S.	6,607	3,549	176	784	139	2,638	1,013
TOTAL U.S. Weeks Ended:							
DEC. 24, 1982	6,403●	3,534	166	738	125	2,573	1,055●
JAN. 1, 1982	6,617	3,530	197	782	214	2,809	1,328
DISTRICTS 1—4 Weeks Ended:							
DEC. 31, 1982	5,597	2,993	136	586	134	2,309	670
DEC. 24, 1982	5,342●	2,939	130	517	118	2,210	678●
JAN. 1, 1982	5,660	2,990	145	566	210	2,468	1,005

[1] Refinery shipments only.
[2] Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE* 7

API WEEKLY STATISTICAL BULLETIN
Week Ended *DECEMBER* 31, 1982

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline	Unleaded Motor Gasoline[1]	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Kerosine	Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
New England	6,364	3,426	70	718	765	15,837	2,395	--
Central Atlantic	32,715	14,249	322	4,760	2,656	47,671	27,593	12,339
Lower Atlantic	27,796	14,335	144	3,840	1,698	16,229●	5,147	439
East Coast	62,202	29,605	483	9,038	4,710	76,202●	34,683	11,819
Appal. No. 1	4,673	2,405	53	280	409	3,535	452	959
DISTRICT 1 TOTAL	66,875	32,010	536	9,318	5,119	79,737●	35,135	12,778
Appal. No. 2	2,540	1,182	15	156	252	1,921	317	126
Ind., Ill., Ky.	36,702●	14,846	557	4,215	2,178	25,428	3,636●	12,257
Minn., Wis., Daks.	8,098	2,817	174	594	141	7,029	528	478
Okla., Kans., Mo.	19,891	7,241●	504	2,256●	397●	14,472	789	5,170
DISTRICT 2 TOTAL	67,231●	26,086●	1,250	7,221●	2,968●	48,850	5,270●	18,031
Inland Texas	8,281●	3,615●	472	1,033●	85	3,660●	590	2,550
Texas Gulf Coast	28,302	9,806	632	4,174●	1,252	15,213●	7,402	26,009
La. Gulf Coast	20,064	6,840	579	2,987	892	8,735	8,636	13,925
N. La. and Ark.	11,485	5,492	384	1,239●	193●	7,094	364	898
New Mexico	780	302	454	125	35	486	58	265
DISTRICT 3 TOTAL	68,912●	26,055●	2,521	9,558●	2,457●	35,188●	17,050	43,647
DISTRICT 4 TOTAL	8,300	2,149	298	695	36	3,938	519	2,822
DISTRICT 5 TOTAL	28,678	10,561	1,349	5,438	163	12,156	9,213	25,495
TOTAL U.S.	239,996	96,861*	5,954	32,230	10,743	179,869	67,187	102,773
TOTAL U.S. Weeks Ended:								
DEC. 24, 1982	235,554●	96,689●	5,974	32,296●	10,865●	180,850●	64,227●	104,360
JAN. 1, 1982	252,179	94,404	7,094	32,445	11,005	190,339	80,994	109,627
DISTRICTS 1—4 Weeks Ended:								
DEC. 31, 1982	211,318	86,300	4,605	26,792	10,580	167,713	57,974	77,278
DEC. 24, 1982	207,099●	86,535●	4,572	26,621●	10,695●	169,494●	55,417●	79,260
JAN. 1, 1982	220,672	82,792	5,370	25,922	10,801	177,639	71,309	83,982

[1] Included in Total Motor Gasoline stocks.
[2] Includes Grade No. 4 fuel oil

● *SEE REVISIONS ON PAGE 7*

**INCLUDES 23,040 BBLS OF FINISHED UNLEADED MOTOR GASOLINE AT REFINERIES AS FOLLOWS:*
DIST. 1: 3,328 *DIST.* 2: 4,847 *DIST.* 3: 9,263 *DIST.* 4: 786 *DIST.* 5: 4,816

API WEEKLY STATISTICAL BULLETIN
Week Ended *DECEMBER* 31, 1982

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy *AUG* 1982	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	---Daily Average---				
DISTRICTS 1—4 TOTAL					
DEC. 31, 1982	5,851.5	5,813.0	2,942	162	267,368
DEC. 24, 1982	5,851.5	--	2,441●	168	273,124●
DEC. 17, 1982	5,851.5	--	2,968	181	273,750
DEC. 10, 1982	5,851.5	--	3,046	146	271,064
DISTRICT 5 TOTAL					
DEC. 31, 1982	2,767.5	2,807.0	185	--	81,116 *
DEC. 24, 1982	2,767.5	--	193	36	80,405
DEC. 17, 1982	2,767.5	--	234	15	84,051
DEC. 10, 1982	2,767.5	--	214	29	82,548
TOTAL U.S.					
DEC. 31, 1982	8,619.0	8,620.0	3,127	162	348,484 *
DEC. 24, 1982	8,619.0	--	2,634●	204	353,529●
DEC. 17, 1982	8,619.0	--	3,202	196	357,801
DEC. 10, 1982	8,619.0	--	3,260	175	353,612
JAN. 1, 1982	8,309.0/A	--	3,834	144	366,335

INCLUDES 25,767 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/A DOE ACTUAL FOR DECEMBER 1981.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	Week Ended *DECEMBER* 31, 1982 Domestic	Foreign	Total	Week Ended *JANUARY* 1, 1982 Domestic	Foreign	Total
PAD District 1	4,917	13,151	18,068	4,953	15,704	20,657
PAD District 2	64,288	11,926	76,214	67,612	13,783	81,395
PAD District 3	120,783●	39,162	159,945●	125,457	39,309	164,766
PAD District 4	11,725	1,416	13,141	14,011	779	14,790
TOTAL PAD DISTRICTS 1—4	201,713●	65,655	267,368●	212,033	69,575	281,608
PAD District 5	76,493	4,623	81,116 *	78,142	6,585	84,727
TOTAL U.S.	278,206●	70,278	348,484●*	290,175	76,160	366,335

[1] See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE 7*

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline	Unleaded Motor Gasoline[1]	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Kerosine	Distillate Fuel Oil	Grade No. 4 Fuel Oil	Residual Fuel Oil	L.P.G.	Petro-chemical Feedstocks	Special Naphtha	Plant Condensate	Asphalt	Unfinished Oil[2]	Total
New England	--	--	--	--	--	--	--	--	4	--	--	--	--	--	4
Central Atlantic	160	49	--	--	--	74	--	308	5	--	--	--	2	9	558
Lower Atlantic	--	--	--	--	--	--	--	140	--	--	--	--	--	--	140
DISTRICT 1 TOTAL[2]															
DEC. 31, 1982	160	49	--	--	--	74	--	448	9	--	--	--	2	9	702
DEC. 24, 1982	149	50	7	9	5	66	--	403	11	22	3	--	2	4	681
DEC. 17, 1982	169	49	7	11	12	105	--	447	5	15	5	--	2	15	793
DEC. 10, 1982	140	49	7	8	12	252	--	620	11	19	8	--	2	24	1,103
DISTRICTS 2—4 TOTAL															
DEC. 31, 1982	20	--	--	--	--	--	--	120	200	--	--	8	--	76	424
DEC. 24, 1982	10	--	--	--	--	1	--	69	205	50	10	--	--	54	399
DEC. 17, 1982	12	2	--	--	--	--	--	58	200	50	13	9	--	18	360
DEC. 10, 1982	11	1	--	--	--	--	--	79	194	53	26	10	--	2	375
DISTRICT 5 TOTAL															
DEC. 31, 1982	35	12	--	--	--	7	--	54	14	--	--	--	--	--	110
DEC. 24, 1982	51	13	1	1	--	7	--	19	15	1	4	--	--	--	99
DEC. 17, 1982	38	12	1	1	--	6	--	15	13	4	5	1	--	7	91
DEC. 10, 1982	39	13	1	2	--	8	--	17	16	5	5	1	--	7	101
TOTAL U.S.	215	61	--	--	--	81	--	622	223	--	--	8	2	85	1,236
TOTAL U.S. Weeks Ended:															
DEC. 24, 1982	210	63	8	10	5	74	--	491	231	73	17	--	2	58	1,179
DEC. 17, 1982	219	63	8	12	12	111	--	520	218	69	23	10	2	40	1,244
DEC. 10, 1982	190	63	8	10	12	260	--	716	221	77	39	11	2	33	1,579
JAN. 1, 1982	161	83	22	--	15	165	--	801	284	--	6	6	1	85	1,546

[1] Included in Total Motor Gasoline imports.
[2] See definitional notes, Page 6.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded motor gasoline represent only finished, unleaded motor gasoline located at refineries, pipelines and bulk terminals. These stocks are also included in "total motor gasoline stocks." However, a large part of the motor gasoline stocks at refineries consist of components which may be blended to produce either leaded or unleaded motor gasoline. For that reason, these stocks cannot be classified as either finished unleaded or leaded motor gasoline. Therefore, it is incorrect to assume that the difference between total motor gasoline stocks and finished, unleaded motor gasoline stocks is equal to leaded motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and Dist. of Col.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE montly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

REVISIONS

12/24/82	PAGE 1	TOTAL REFINERY INPUT	LA. GULF COAST	2,114
			DISTRICT 3 TOTAL	5,681
			TOTAL U.S.	12,594
			DISTRICTS 1-4	10,372
		CRUDE OIL RUNS	LA. GULF COAST	1,892
			DISTRICT 3 TOTAL	5,110
			TOTAL U.S.	11,349
			DISTRICTS 1-4	9,331
		FOREIGN CRUDE RUNS	LA. GULF COAST	645
			DISTRICT 3 TOTAL	1,380
			TOTAL U.S.	3,149
			DISTRICTS 1-4	2,881
		INPUT TO CRUDE OIL	LA. GULF COAST	2,012
			DISTRICT 3 TOTAL	5,309
			TOTAL U.S.	11,760
			DISTRICTS 1-4	9,671
		O/O OPERATED	LA. GULF COAST	73.8
			DISTRICT 3 TOTAL	68.6
			TOTAL U.S.	70.6
			DISTRICTS 1-4	71.2
	PAGE 2	TOTAL MGAS	LA. GULF COAST	963
			DISTRICT 3 TOTAL	2,683
			DISTRICT 4 TOTAL	257
			TOTAL U.S.	6,403
			DISTRICTS 1-4	5,342
		RESIDUAL FUEL	LA. GULF COAST	191
			DISTRICT 3 TOTAL	408
			TOTAL U.S.	1,055
			DISTRICTS 1-4	678
	PAGE 3	TOTAL MGAS	IND., ILL., KY.	36,173
			DISTRICT 2 TOTAL	67,023
			INLAND TEXAS	8,195
			DISTRICT 3 TOTAL	65,614
			TOTAL U.S.	235,554
			DISTRICTS 1-4	207,099
		UNLEADED MGAS	OKLA., KANS., MO.	8,104
			DISTRICT 2 TOTAL	26,963
			INLAND TEXAS	2,952

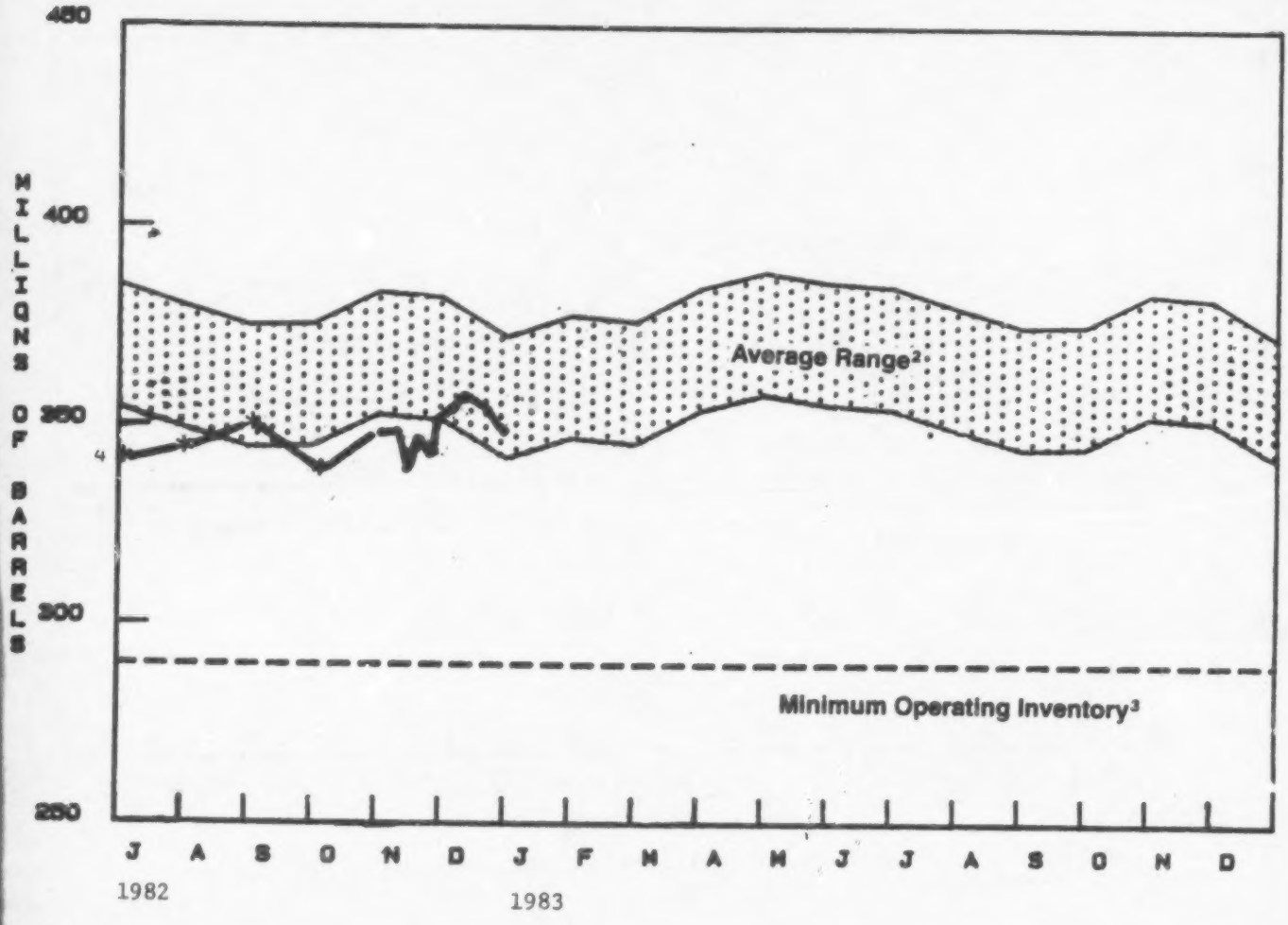
REVISIONS

		DISTRICT 3 TOTAL	25,828
		TOTAL U.S.	96,689
		DISTRICTS 1-4	86,535
	KEROSINE JET	OKLA., KANS., MO.	2,195
		DISTRICT 2 TOTAL	7,060
		INLAND TEXAS	1,213
		TEXAS GULF COAST	4,000
		N. LA. AND ARK.	1,242
		DISTRICT 3 TOTAL	10,004
		TOTAL U.S.	32,296
		DISTRICTS 1-4	26,621
	KEROSINE	OKLA., KANS., MO.	388
		DISTRICT 2 TOTAL	2,875
		N. LA. AND ARK.	270
		DISTRICT 3 TOTAL	2,501
		TOTAL U.S.	10,865
		DISTRICTS 1-4	10,695
	DISTILLATE FUEL	LOWER ATLANTIC	17,151
		EAST COAST	78,701
		DISTRICT 1 TOTAL	82,008
		INLAND TEXAS	3,112
		TEXAS GULF COAST	16,202
		DISTRICT 3 TOTAL	35,681
		TOTAL U.S.	180,850
		DISTRICTS 1-4	169,494
	RESIDUAL FUEL	IND., ILL., KY.	3,660
		DISTRICT 2 TOTAL	5,382
		TOTAL U.S.	64,227
		DISTRICTS 1-4	55,417
PAGE 4 TOP	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	2,441
		TOTAL U.S.	2,634
	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	273,124
		TOTAL U.S.	353,529
PAGE 4 BOTTOM	DOMESTIC	PAD DISTRICT 3	123,355
		TOTAL PAD DISTRICTS 1-4	201,872
		TOTAL U.S.	277,576
	TOTAL	PAD DISTRICT 3	165,098
		TOTAL PAD DISTRICTS 1-4	273,124

REVISIONS

TOTAL U.S.	353,529

Crude Oil Stocks at Primary Level[1] [5]



[1]Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

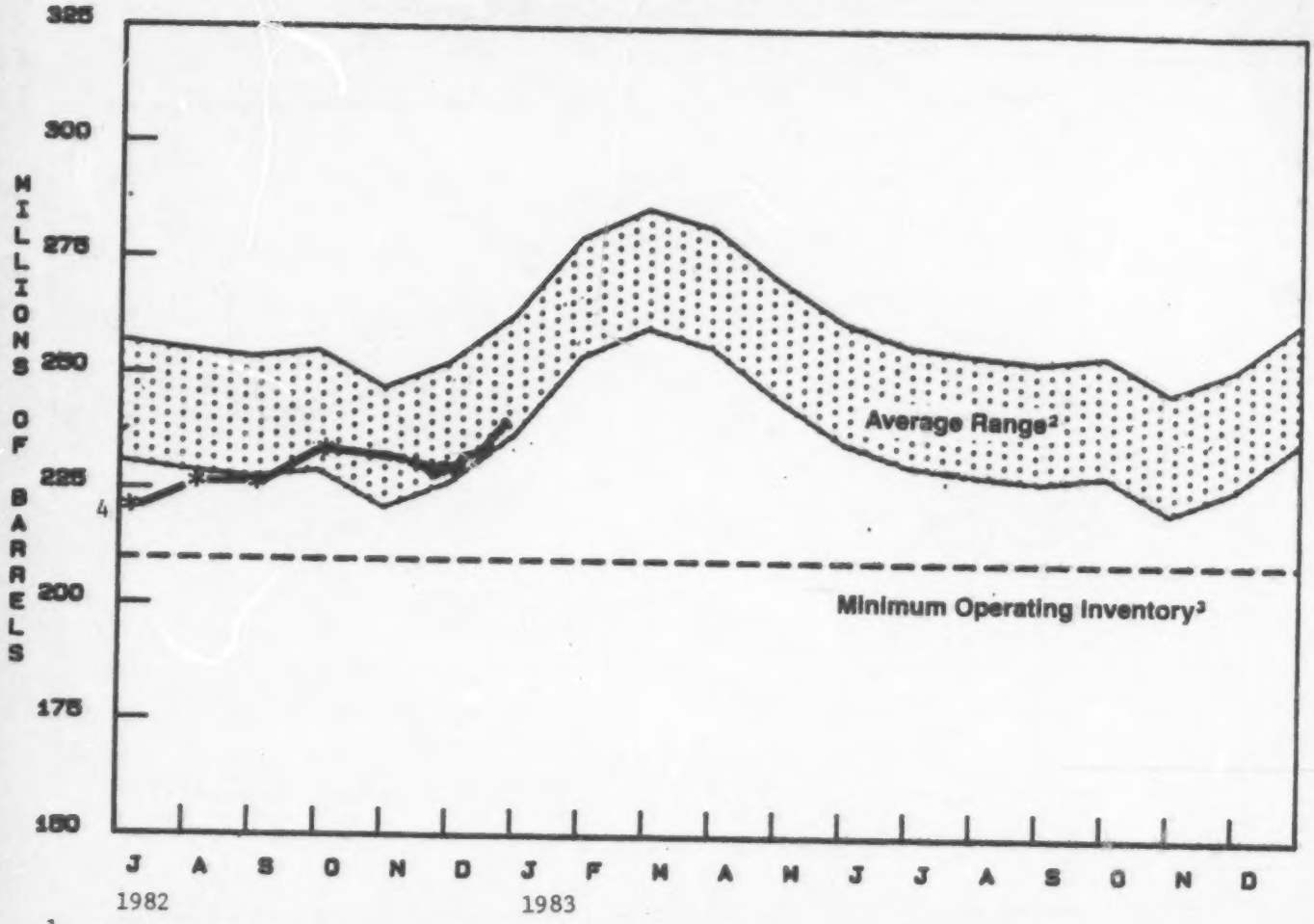
[2]Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Motor Gasoline Stocks at Primary Level[1,5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

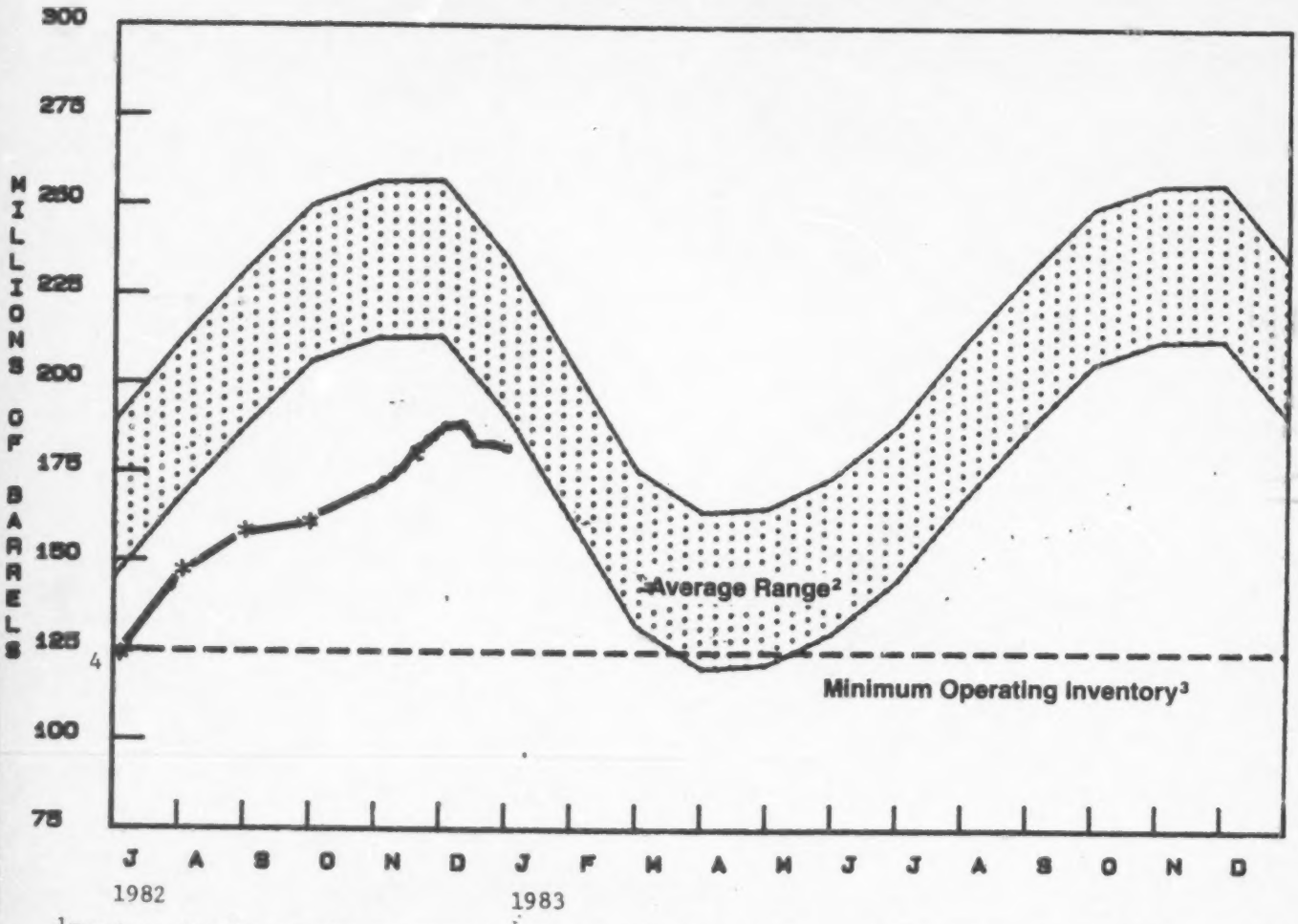
[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.